

02/13/02  
JCT 59 U.S. PTO

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02-15-02

PTO/SB/05 (03-01)

Approved for use through 10/31/2002, OMB 0651-0032

U S. Patent and Trademark Office: U S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 46872 269148 (UNCC 2001-015)

First Inventor Kenneth Elmon Koch, III

Title BOOLEAN PROCESSOR

Express Mail Label No. EV 043618507 US

1017 U.S.P.T.O.  
02/13/02

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 52]  
*(preferred arrangement set forth below)*  
 - Descriptive title of the Invention  
 - Cross Reference to Related Applications  
 - Statement Regarding Fed sponsored R & D  
 - Reference to sequence listing, a table, or a computer program listing appendix  
 - Background of the Invention  
 - Brief Summary of the Invention  
 - Brief Description of the Drawings (*if filed*)  
 - Detailed Description  
 - Claim(s)  
 - Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C.113) [Total Sheets 21]  
5. Oath or Declaration [Total Pages 3]

a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for a continuation/divisional with Box 18 completed)*  
i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)  
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)  
 a.  Computer Readable Form (CRF)  
 b. Specification Sequence Listing on:  
 i.  CD-ROM or CD-R (2 copies); or  
 ii.  paper  
 c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9.  Assignment Papers (cover sheet & document(s))  
10.  37 C.F.R. §3.73(b) Statement  Power of Attorney  
*(when there is an assignee)*

11.  English Translation Document (*if applicable*)  
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations  
13.  Preliminary Amendment  
14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*  
15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*  
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  
17.  Other: check \$40/check \$637

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-part (CIP)    of prior application No: \_\_\_\_\_ / \_\_\_\_\_

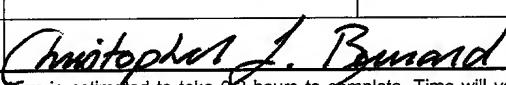
Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label    or  Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name	Christopher L. Bernard Kilpatrick Stockton LLP				
Address	3500 One Wachovia Center 301 S. College St.				
City	Charlotte	State	NC	Zip Code	28202-6001
Country	USA	Telephone	704-338-5009		Fax 704-338-5125

Name (Print/Type)	Christopher L. Bernard	Registration No. (Attorney/Agent)	48,234
Signature			Date 02/13/02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

*Patent fees are subject to annual revision.*

**TOTAL AMOUNT OF PAYMENT** (\$ 677)

<i>Complete if Known</i>	
Application Number	Unassigned
Filing Date	February 13, 2002
First Named Inventor	Kenneth Elmon Koch III
Examiner Name	Unassigned
Group / Art Unit	Unassigned
Attorney Docket No	46872.269148 (UNCC 2001-015)

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money  Other  None Order

Deposit Account

Deposit Account Number	16-1435
Deposit Account Name	Kilpatrick Stockton LLP

**The Commissioner is authorized to:** (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments
- Charge any additional fee(s) during the pendency of this application
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Fee Description	Fee Paid
101	740	201	370 Utility filing fee	370
106	330	206	165 Design filing fee	
107	510	207	255 Plant filing fee	
108	740	208	370 Reissue filing fee	
114	160	214	80 Provisional filing fee	
<b>SUBTOTAL (1)</b>				<b>(\$ 370)</b>

### 2. EXTRA CLAIM FEES

Total Claims	45	-20 **	= 25	X 9	= 225	Extra Claims	Fee from below	Fee Paid
Independent Claims	4	-3 **	= 1	X 42	= 42			
Multiple Dependent				X	= 0			

Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Fee Description	Fee Paid
103	18	203	9 Claims in excess of 20	
102	84	202	42 Independent claims in excess of 3	
104	280	204	140 Multiple dependent claim, if not paid	
109	84	209	42 ** Reissue independent claims over original patent	
110	18	210	9 ** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>				<b>(\$ 267)</b>

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive – unavoidable	
141	1,280	241	640 Petition to revive – unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17 (q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	40
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

**(\$ 40)**

\*\*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Christopher L. Bernard	Registration No. Attorney/Agent)	48,234	Telephone	704-338-5009
Signature				Date	February 13, 2002

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## EXPRESS MAIL CERTIFICATE

"Express Mail" mailing label no. : EV 043618507 US

Date of Deposit : February 13, 2002

Type of Document(s) : 

- Utility Patent Application Transmittal (1 page)
- Fee Transmittal for FY2002 (1 page)
- Specification – 52 pages
- Drawings – 21 pages
- Information Disclosure Statement (1 page)
- No Cited References
- Declaration for Patent Application (3 pages)
- Recordation Form Cover Sheet (1 page)
- Assignment - 2 pages
- Check for filing fee: \$637
- Check for Recordation Fee: \$40.00
- Return Postcard

Serial No. : Unassigned

Filing Date : Herewith

I hereby certify that the documents identified above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

  
\_\_\_\_\_  
Kathryn A. Saunders Snyder